

Allegheny County Health Department

COUNTY COMMISSIONERS

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director



BUREAU OF AIR POLLUTION CONTROL
301 39th Street
Pittsburgh, Pennsylvania 15201

October 8, 1992

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Mr. George Niedermeyer
Director of Compliance
7-7, Incorporated
607 Freedlander Road
Wooster, Ohio 44691

PERMIT NO.: 92-I-0055-P
EQUIPMENT : Liquefaction of Tar
LOCATION : Clairton, PA
FIRST OPERATING PERMIT FEE:\$575.00

NOTICE OF INSTALLATION PERMIT APPROVAL

The subject installation has been approved for construction. The installation shall be made in conformity with the plans and specifications as supplied by you, and which are a part of your application, and must meet the following conditions.

This unit shall operate such that emissions are limited to 0.025 lbs/hr or less of total VOC's and a maximum of 220 lbs/yr. The Bureau must be notified (Mr. S. O. Smith at 578-8196) when the unit is put into operation, and is subject to inspection and approval by the Bureau.

A complete Operating Permit application must be submitted within sixty (60) days of achieving full operation or one hundred and twenty (120) days of start-up, whichever is earlier. The operating permit application (enclosed) must be accompanied by the fee listed above, and made payable to the Treasurer of Allegheny County. When it is determined by the Bureau that the installation complies with all regulations, limitations, and approved permit conditions, an Operating Permit will be issued.

This Installation Permit shall be posted at the site during the construction period.

Permit Issued by:

RECEIVED

OCT 15 1992

AIR ENFORCEMENT BRANCH
EPA Region III

SOS/ecr

Attachment

cc: S. O. Smith

Bernie Turlinski (EPA)

BUREAU OF AIR POLLUTION CONTROL

Arthur H. Fieser
Arthur H. Fieser, Ph.D., P.E.
Chief - Engineering Section

ALLEGHENY COUNTY HEALTH DEPARTMENT

AIR POLLUTION CONTROL

PERMIT - PROCESS

APC USE ONLY	
Permit	92-I-0055P
Check No.	1886
Receipt No.	9-9-92
Issued	10-8-92
Expires	
Fee	\$430.00
Basis	

COMPLETION DATE

DATE INSTALLED

INSTALLATION ☒ OCT. 20, 1992OPERATING ☐

NAME		ADDRESS		BUSINESS	
USX CLAIRTON WORKS		400 STATE STREET, CLAIRTON, PA		STEELMAKING	
OWNER		ADDRESS		PHONE	
7-7, INC.		607 FREEDLANDER RD, WOOSTER, OH		216-262-8877	
INSTALLER OR CONTRACTOR		ADDRESS		PHONE	
7-7, INC.		607 FREEDLANDER RD, WOOSTER OH		216-262-8877	
AUTHORIZED REPRESENTATIVE		TITLE		SIGNATURE	
GEORGE NIEDERMEYER		DIRECTOR OF COMPLIANCE		216-262-8877	
PROCESS		YOUR IDENTIFICATION		FEE	
LIQUEFICATION OF TAR		PRODUCTION RATE <input checked="" type="checkbox"/>		\$430.00	
		CHARGING RATE <input type="checkbox"/>		15-25 TONS/HR.	
OPERATING TIME		CONTINUOUS <input type="checkbox"/>		BATCH TIME	
24 HOURS/DAY		7 DAYS/WK.		1-4 HR.	
50 WEEKS/YR.		BATCH <input checked="" type="checkbox"/>		10-5-9	
RAW MATERIALS		TOTAL			
COAL TAR, TAR TANK BOTTOMS, COAL TAR OILS		15-25 TONS/BATCH			
MATERIALS PRODUCED		TOTAL			
LIQUEFIED TAR		15-25 TONS/BATCH			
FUEL	AMT./HR.	BTU	% ASH	% SULFUR	
N/A	USES-ELECTRICITY	--	--	--	--
FUEL	AMT./HR.	BTU	% ASH	% SULFUR	
--	--	--	--	--	--
GAS CLEANER	WATER	GAS FLOW	100-200	INLET TEMP.	
CHILLED CONDENSED	APPROX SCFM	100-160	° F	DUST LOADING	
GAS CLEANER	GAS FLOW	100-208	SCFM	INLET TEMP.	
CARBON BEDS	APPROX	UP TO 110° F		DUST LOADING	
EMISSION ANALYSIS	PARTICULATE	SO ₂	CO	NO _x	HC
POTENTIAL	NONE	NONE	UNKNOWN	NONE EXPECTED	APPROX. .02 LBS/HRN/A
FINAL	NONE	NONE	UNKNOWN	NONE EXPECTED	APPROX. .02 LBS/HRN N/A
STACK HEIGHT	25 FT.	STACK AREA	.86 SQ. FT.	EXHAUST FLOW	150-300 ACFM
EMISSION BASIS	MFG. DATA <input type="checkbox"/>	EMISSION FACTORS <input type="checkbox"/>	STACK TEST <input checked="" type="checkbox"/>	COMPANY ESTIMATE <input type="checkbox"/>	SUBMIT SUPPORTING DATA FOR METHOD USED. STACK TEST ATTACHED
NEAREST BUILDING:	A	HEIGHT	FT. APPROX 2000	COST OF EQUIPMENT	\$ 1,735,000.00
DRAWING NO'S.	BLOCK DIAGRAM OF LIQUEFIER AND AIR POLLUTION TRAILER				
REMARKS	THE LIQUEFIER USES A PROVEN AIR POLLUTION CONTROL TRAILER WHICH VERY EFFECTIVELY CONTROLS EMISSIONS.				
REVIEWED BY	Stanford C. Smith	TITLE	ADM-10-2-92	DATE	
REVIEWED BY		TITLE		DATE	
PERMIT APPROVED BY	Chief Engr.	TITLE	10-7-92	DATE	
See attached letter dated 10-8-92 for conditions of approval.					